

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100520\  
 Data File : PL061989.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Oct 2020 11:05  
 Operator : DD\AJ  
 Sample : L3863-12MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 HD-02-093020MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 05 14:10:20 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 23 13:58:40 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|----------|
| -----                       |                 |       |       |          |          |         |          |
| System Monitoring Compounds |                 |       |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.456 | 4.006 | 19127048 | 27672878 | 11.212  | 10.143   |
| 28)                         | SA Decachlor... | 8.207 | 9.091 | 20767066 | 27815567 | 12.766  | 12.636   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.892 | 4.395 | 72874797 | 113.3E6  | 29.898  | 28.363   |
| 3)                          | MA gamma-BHC... | 4.176 | 4.681 | 66793647 | 107.4E6  | 30.538  | 29.020   |
| 4)                          | MA Heptachlor   | 4.477 | 5.191 | 60737376 | 101.5E6  | 29.764  | 29.320   |
| 5)                          | MB Aldrin       | 4.724 | 5.497 | 53941097 | 94152684 | 29.896  | 29.064   |
| 6)                          | B beta-BHC      | 4.426 | 4.852 | 30175041 | 46290728 | 33.039m | 30.657   |
| 7)                          | B delta-BHC     | 4.630 | 5.068 | 60687934 | 94584002 | 29.601  | 37.120m# |
| 8)                          | B Heptachlo...  | 5.167 | 5.884 | 55200375 | 91221866 | 31.618  | 36.807   |
| 9)                          | A Endosulfan I  | 5.505 | 6.242 | 51423310 | 84710903 | 31.734  | 30.664   |
| 10)                         | B gamma-Chl...  | 5.392 | 6.119 | 54974303 | 90262817 | 31.655m | 30.737   |
| 11)                         | B alpha-Chl...  | 5.452 | 6.192 | 55343966 | 92004300 | 31.861  | 30.632   |
| 12)                         | B 4,4'-DDE      | 5.618 | 6.350 | 49320024 | 82884283 | 31.381  | 30.363   |
| 13)                         | MA Dieldrin     | 5.748 | 6.500 | 52673303 | 85847088 | 31.318  | 30.261   |
| 14)                         | MA Endrin       | 6.004 | 6.718 | 47023116 | 68278253 | 29.552  | 27.988   |
| 15)                         | B Endosulfa...  | 6.276 | 6.928 | 49711827 | 76941120 | 30.747m | 29.768   |
| 16)                         | A 4,4'-DDD      | 6.132 | 6.841 | 43987238 | 70717812 | 33.222  | 31.811   |
| 17)                         | MA 4,4'-DDT     | 6.373 | 7.141 | 36901896 | 59209997 | 29.253  | 27.039   |
| 18)                         | B Endrin al...  | 6.446 | 7.053 | 43486560 | 65110462 | 30.925  | 30.419   |
| 19)                         | B Endosulfa...  | 6.658 | 7.276 | 48450492 | 70466571 | 31.318  | 30.093   |
| 20)                         | A Methoxychlor  | 6.918 | 7.602 | 23553756 | 34791870 | 29.132  | 27.613   |
| 21)                         | B Endrin ke...  | 7.148 | 7.748 | 56691597 | 74010224 | 33.172  | 31.534   |
| 22)                         | Mirex           | 7.337 | 8.204 | 42865734 | 55451039 | 30.577  | 31.471   |
| -----                       |                 |       |       |          |          |         |          |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100520\  
Data File : PL061989.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Oct 2020 11:05  
Operator : DD\AJ  
Sample : L3863-12MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

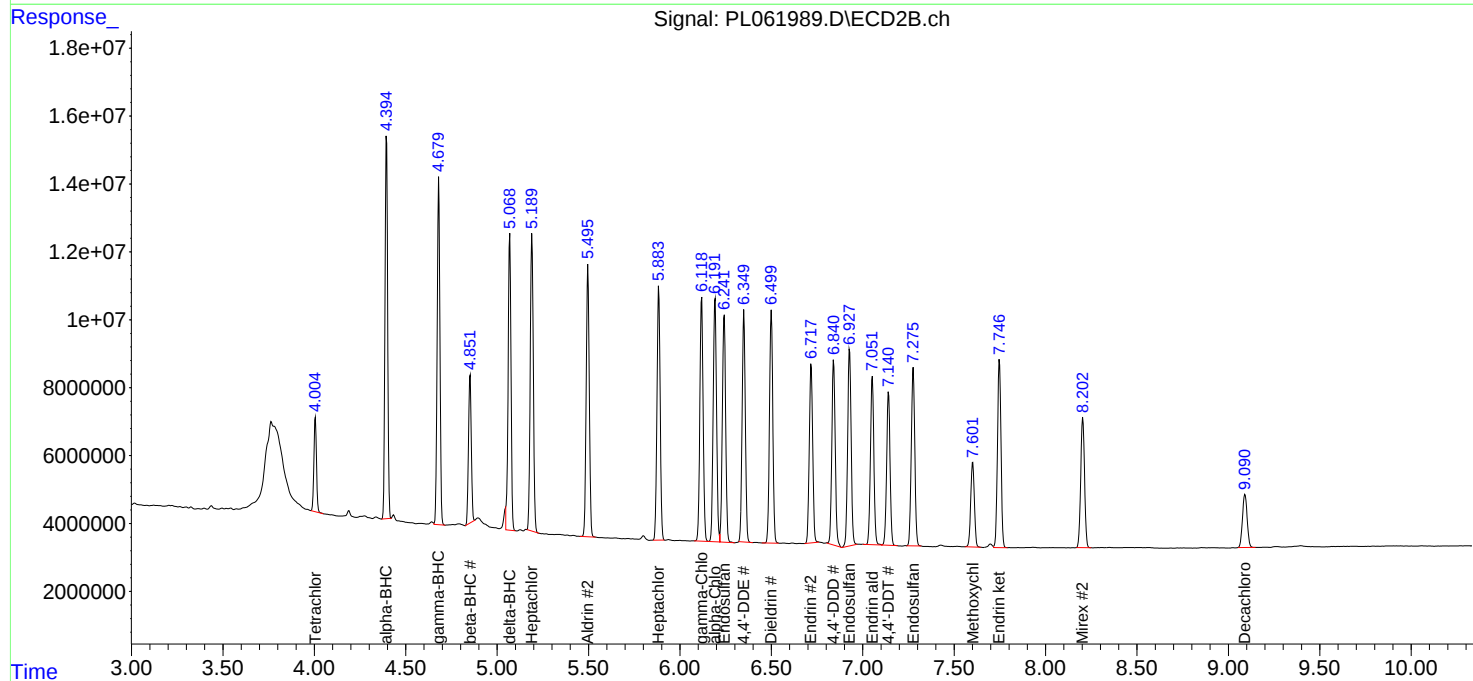
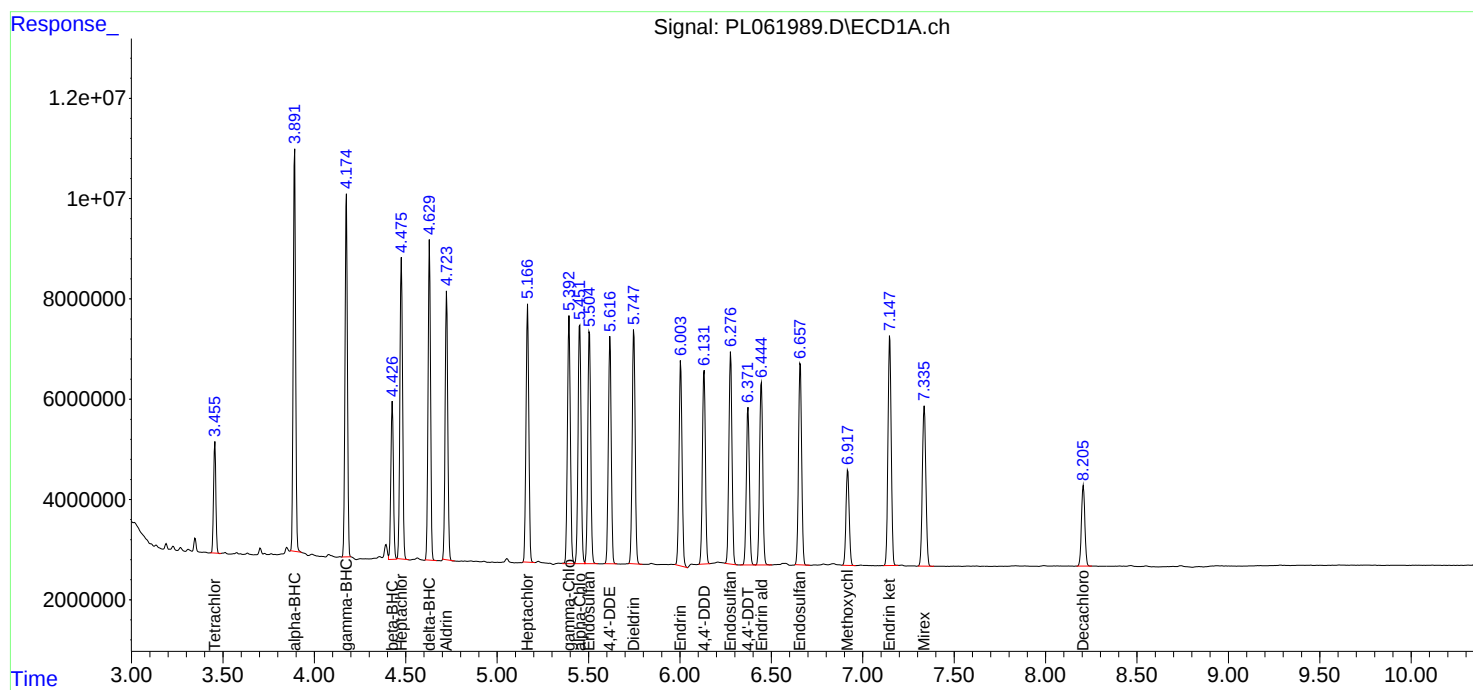
Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-093020MSD

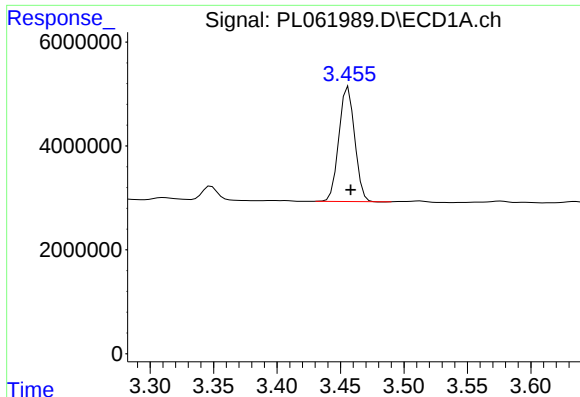
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 05 14:10:20 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 23 13:58:40 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





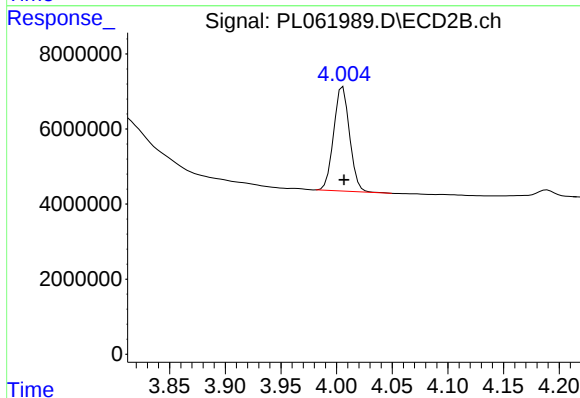
#1 Tetrachloro-m-xylene

R.T.: 3.456 min  
Delta R.T.: -0.002 min  
Response: 19127048  
Conc: 11.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-093020MSD

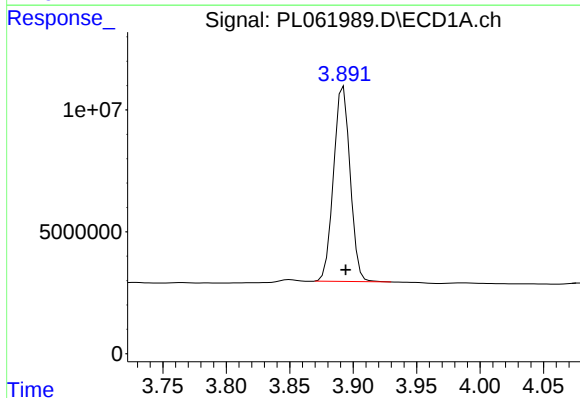
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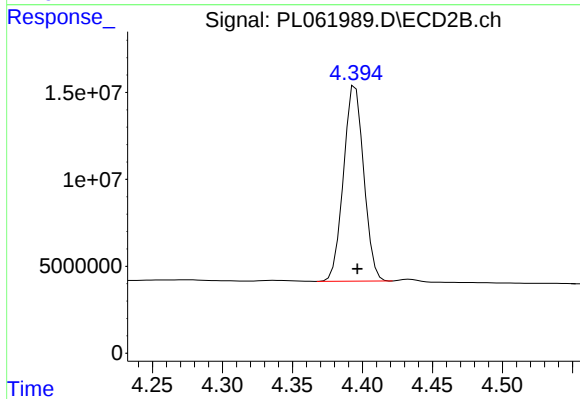
#1 Tetrachloro-m-xylene

R.T.: 4.006 min  
Delta R.T.: -0.001 min  
Response: 27672878  
Conc: 10.14 ng/ml



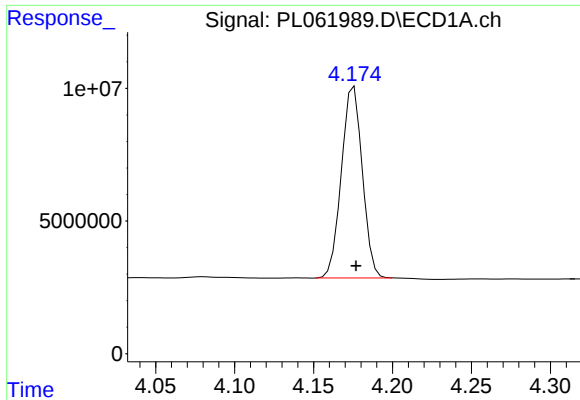
#2 alpha-BHC

R.T.: 3.892 min  
Delta R.T.: -0.002 min  
Response: 72874797  
Conc: 29.90 ng/ml



#2 alpha-BHC

R.T.: 4.395 min  
Delta R.T.: -0.001 min  
Response: 113288864  
Conc: 28.36 ng/ml



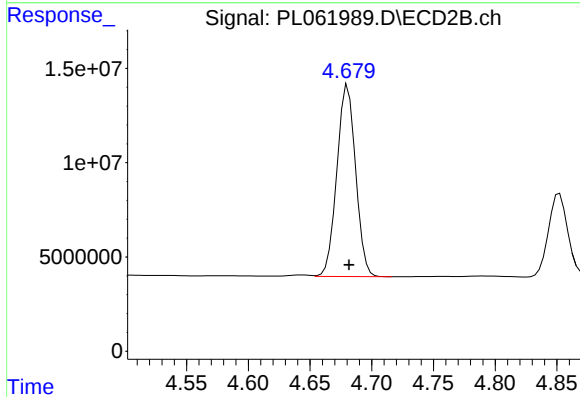
#3 gamma-BHC (Lindane)

R.T.: 4.176 min  
Delta R.T.: -0.001 min  
Response: 66793647  
Conc: 30.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-093020MSD

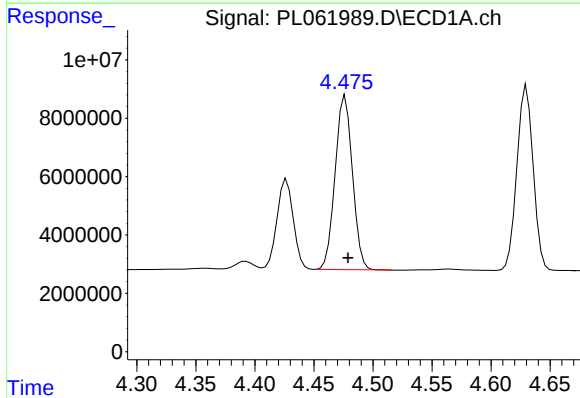
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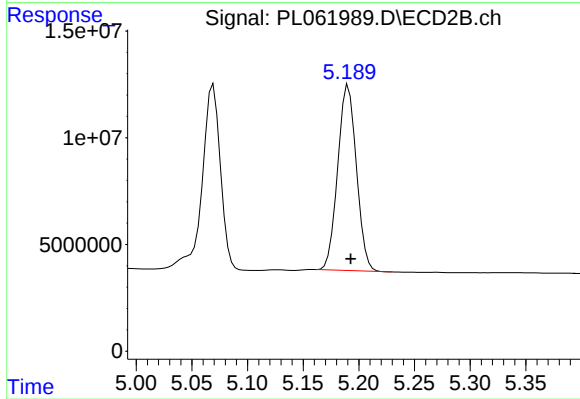
#3 gamma-BHC (Lindane)

R.T.: 4.681 min  
Delta R.T.: -0.001 min  
Response: 107429449  
Conc: 29.02 ng/ml



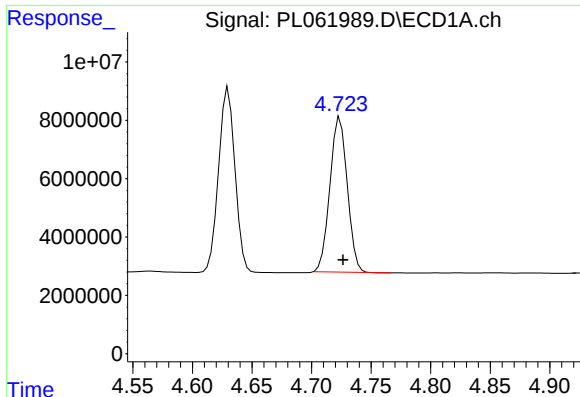
#4 Heptachlor

R.T.: 4.477 min  
Delta R.T.: -0.002 min  
Response: 60737376  
Conc: 29.76 ng/ml



#4 Heptachlor

R.T.: 5.191 min  
Delta R.T.: -0.002 min  
Response: 101530249  
Conc: 29.32 ng/ml



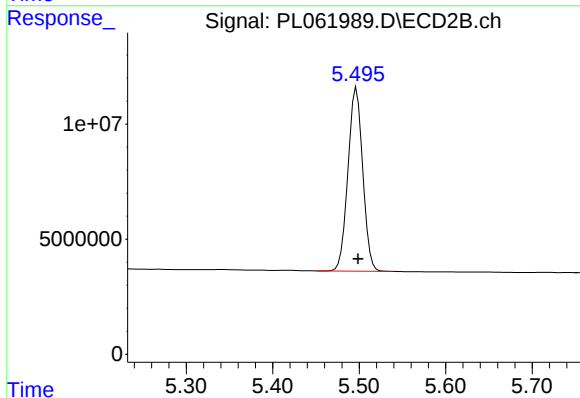
#5 Aldrin

R.T.: 4.724 min  
Delta R.T.: -0.002 min  
Response: 53941097  
Conc: 29.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-093020MSD

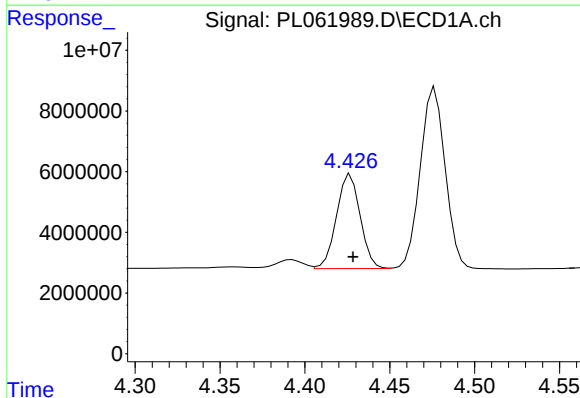
Manual Integrations  
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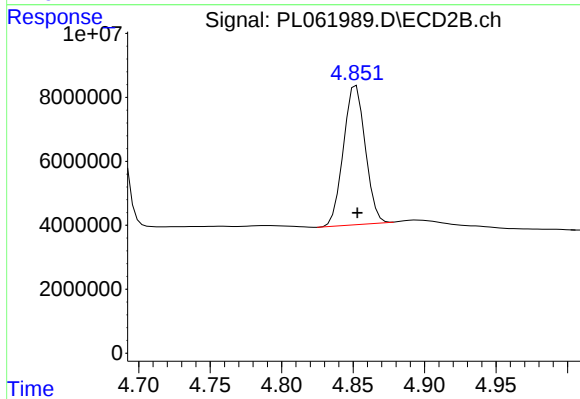
#5 Aldrin

R.T.: 5.497 min  
Delta R.T.: -0.002 min  
Response: 94152684  
Conc: 29.06 ng/ml



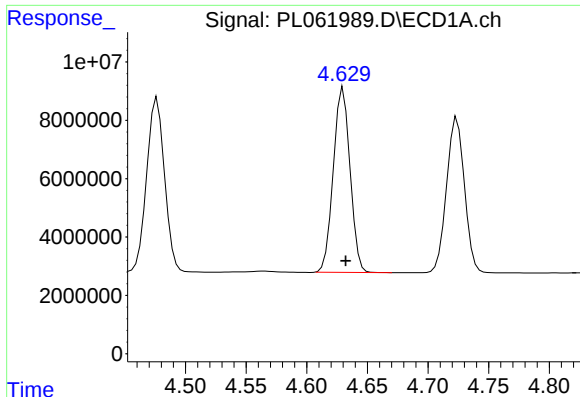
#6 beta-BHC

R.T.: 4.426 min  
Delta R.T.: -0.003 min  
Response: 30175041  
Conc: 33.04 ng/ml m



#6 beta-BHC

R.T.: 4.852 min  
Delta R.T.: 0.000 min  
Response: 46290728  
Conc: 30.66 ng/ml



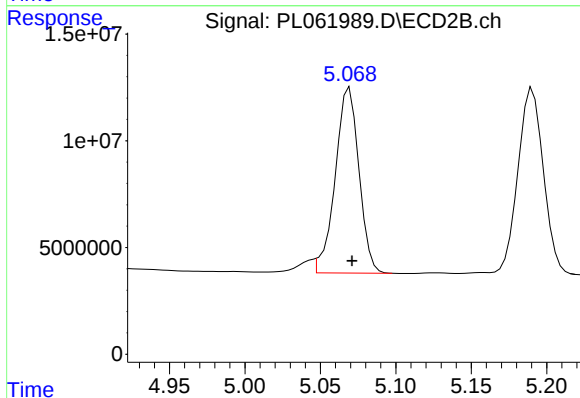
#7 delta-BHC

R.T.: 4.630 min  
Delta R.T.: -0.002 min  
Response: 60687934  
Conc: 29.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-093020MSD

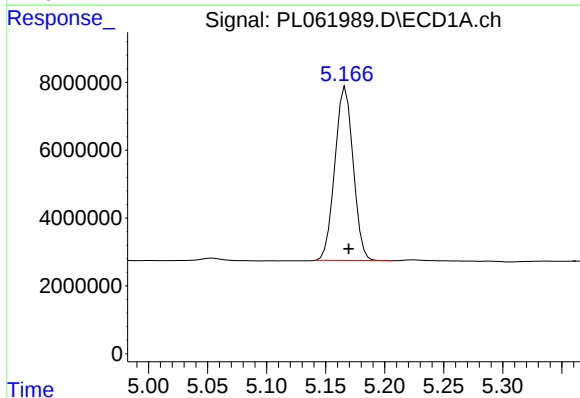
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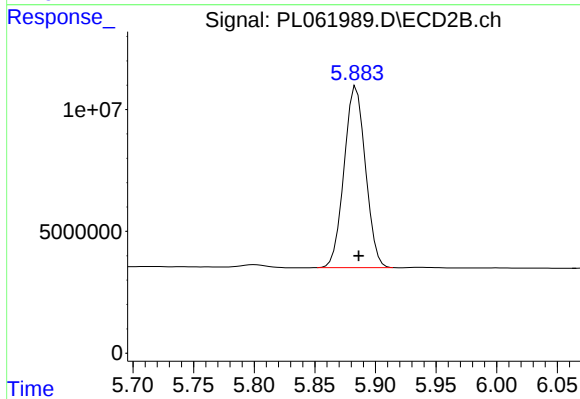
#7 delta-BHC

R.T.: 5.068 min  
Delta R.T.: -0.003 min  
Response: 94584002  
Conc: 37.12 ng/ml m



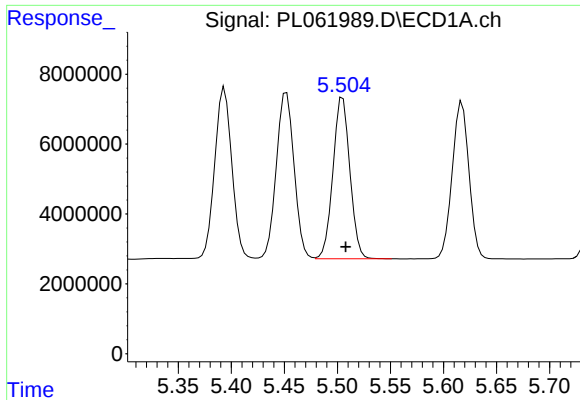
#8 Heptachlor epoxide

R.T.: 5.167 min  
Delta R.T.: -0.003 min  
Response: 55200375  
Conc: 31.62 ng/ml



#8 Heptachlor epoxide

R.T.: 5.884 min  
Delta R.T.: -0.002 min  
Response: 91221866  
Conc: 36.81 ng/ml



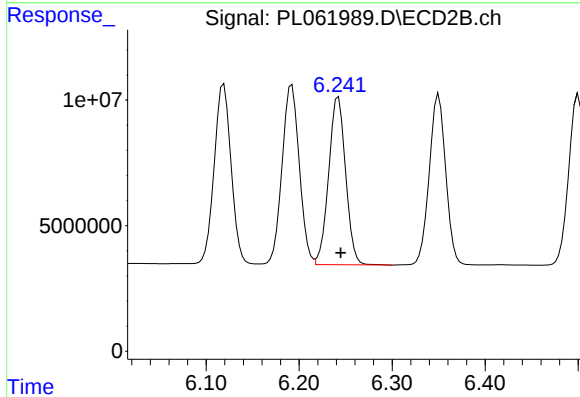
#9 Endosulfan I

R.T.: 5.505 min  
Delta R.T.: -0.003 min  
Response: 51423310  
Conc: 31.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-093020MSD

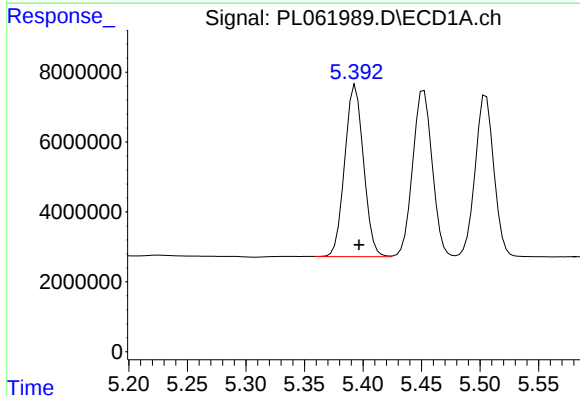
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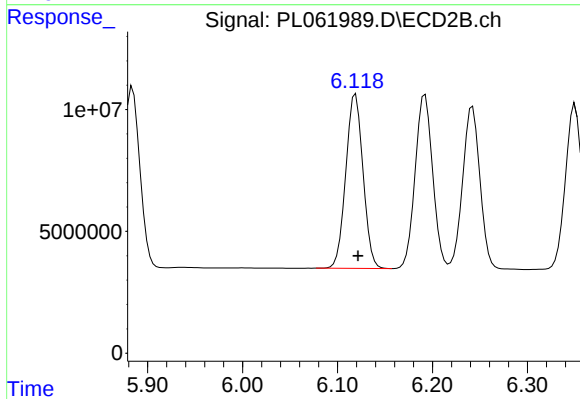
#9 Endosulfan I

R.T.: 6.242 min  
Delta R.T.: -0.002 min  
Response: 84710903  
Conc: 30.66 ng/ml



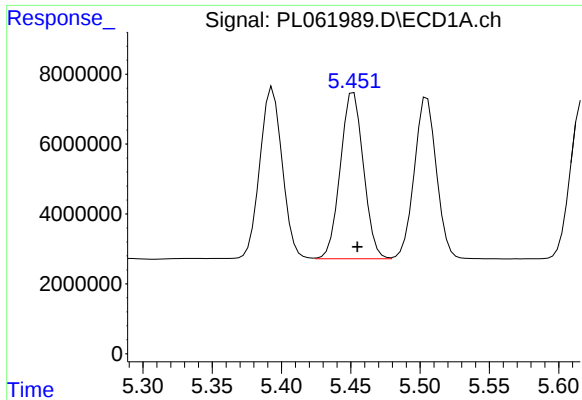
#10 gamma-Chlordane

R.T.: 5.392 min  
Delta R.T.: -0.004 min  
Response: 54974303  
Conc: 31.66 ng/ml m



#10 gamma-Chlordane

R.T.: 6.119 min  
Delta R.T.: -0.003 min  
Response: 90262817  
Conc: 30.74 ng/ml



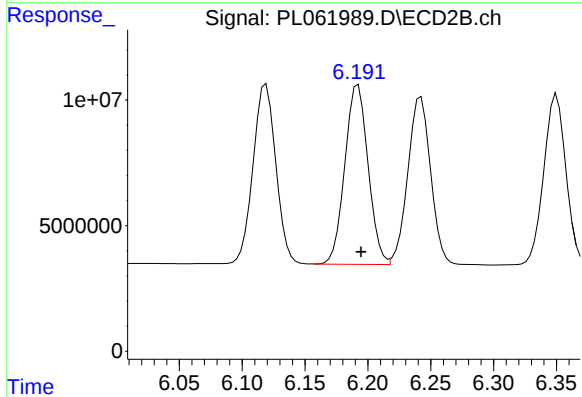
#11 alpha-Chlordane

R.T.: 5.452 min  
Delta R.T.: -0.003 min  
Response: 55343966  
Conc: 31.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-093020MSD

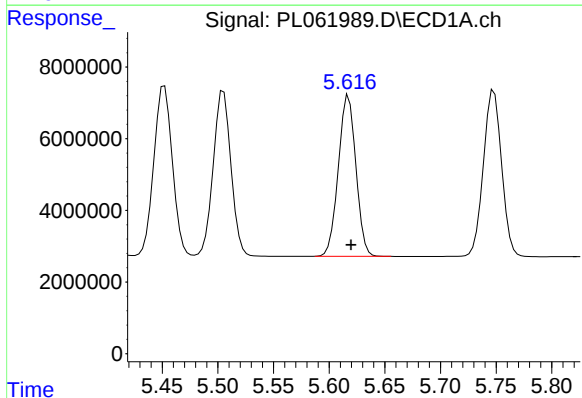
Manual Integrations  
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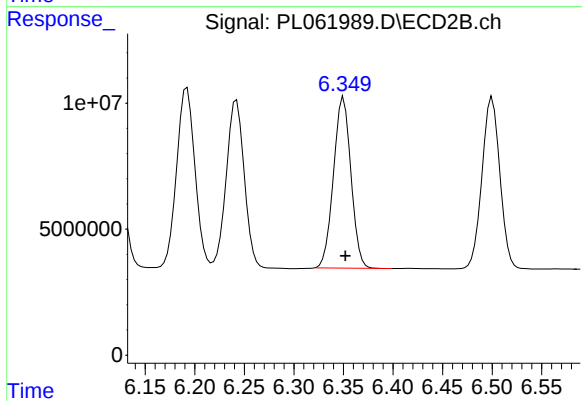
#11 alpha-Chlordane

R.T.: 6.192 min  
Delta R.T.: -0.002 min  
Response: 92004300  
Conc: 30.63 ng/ml



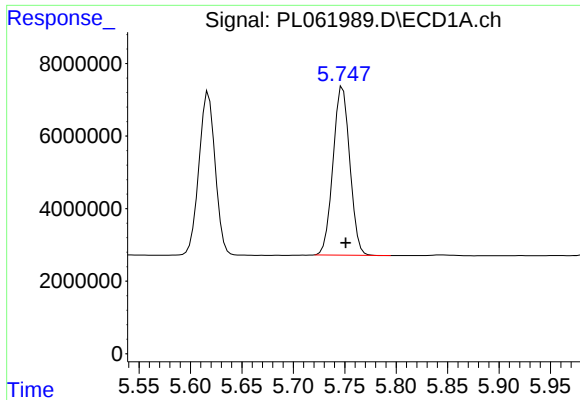
#12 4,4'-DDE

R.T.: 5.618 min  
Delta R.T.: -0.002 min  
Response: 49320024  
Conc: 31.38 ng/ml



#12 4,4'-DDE

R.T.: 6.350 min  
Delta R.T.: -0.002 min  
Response: 82884283  
Conc: 30.36 ng/ml



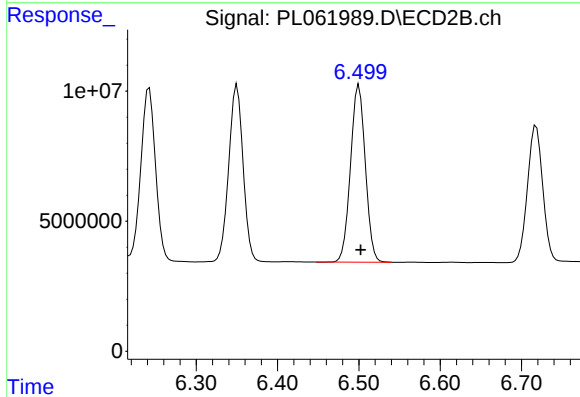
#13 Dieldrin

R.T.: 5.748 min  
Delta R.T.: -0.003 min  
Response: 52673303  
Conc: 31.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-093020MSD

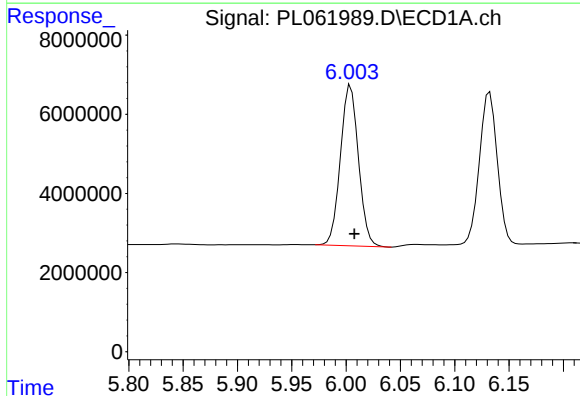
Manual Integrations  
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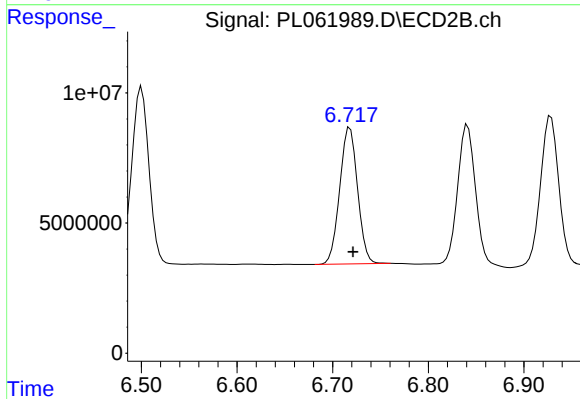
#13 Dieldrin

R.T.: 6.500 min  
Delta R.T.: -0.002 min  
Response: 85847088  
Conc: 30.26 ng/ml



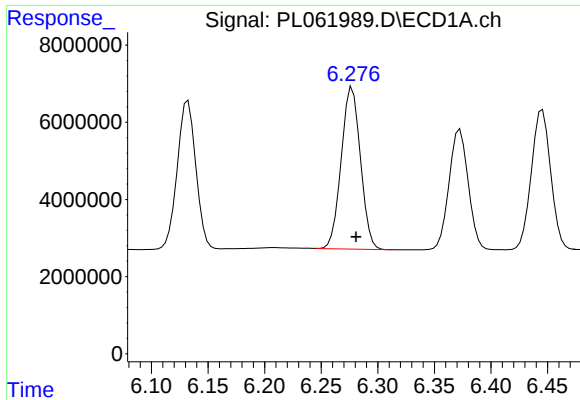
#14 Endrin

R.T.: 6.004 min  
Delta R.T.: -0.003 min  
Response: 47023116  
Conc: 29.55 ng/ml



#14 Endrin

R.T.: 6.718 min  
Delta R.T.: -0.003 min  
Response: 68278253  
Conc: 27.99 ng/ml



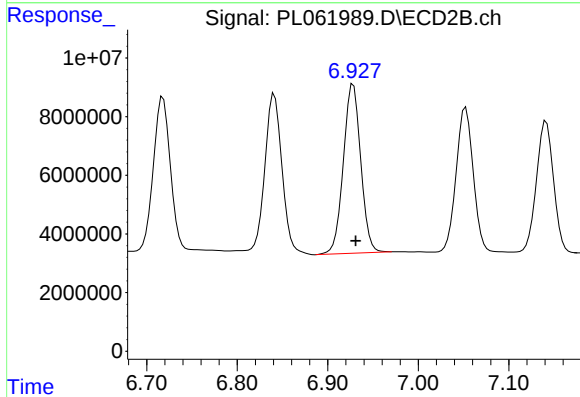
#15 Endosulfan II

R.T.: 6.276 min  
Delta R.T.: -0.005 min  
Response: 49711827  
Conc: 30.75 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-093020MSD

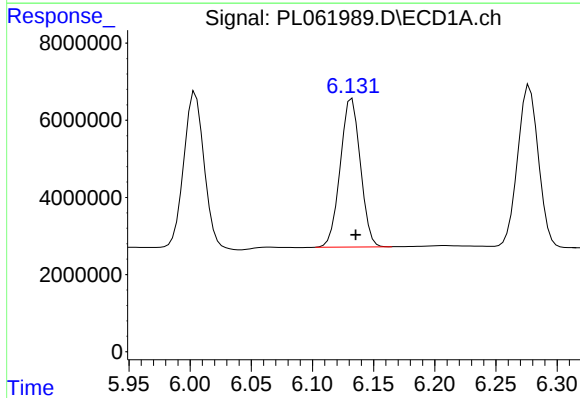
Manual Integrations  
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Ankita  
10/6/2020 11:06:45 AM



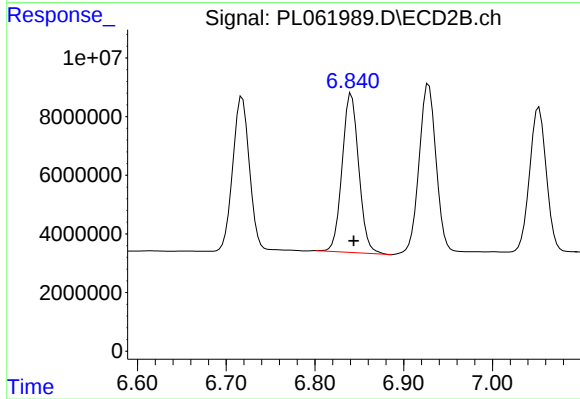
#15 Endosulfan II

R.T.: 6.928 min  
Delta R.T.: -0.003 min  
Response: 76941120  
Conc: 29.77 ng/ml



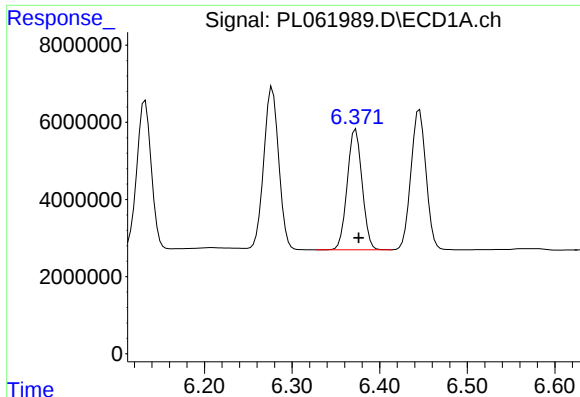
#16 4,4'-DDD

R.T.: 6.132 min  
Delta R.T.: -0.003 min  
Response: 43987238  
Conc: 33.22 ng/ml



#16 4,4'-DDD

R.T.: 6.841 min  
Delta R.T.: -0.003 min  
Response: 70717812  
Conc: 31.81 ng/ml



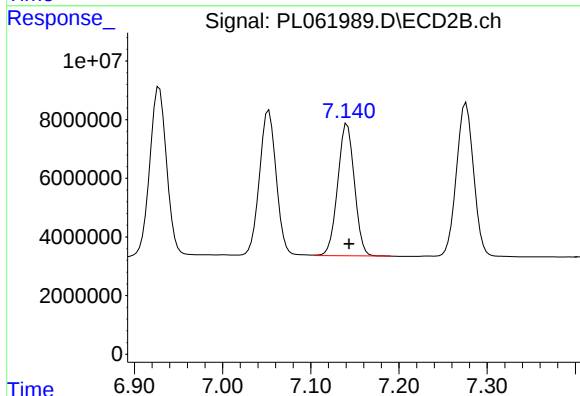
#17 4,4'-DDT

R.T.: 6.373 min  
Delta R.T.: -0.004 min  
Response: 36901896  
Conc: 29.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-093020MSD

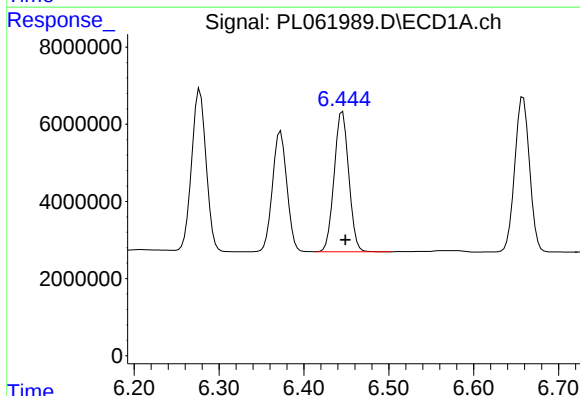
Manual Integrations  
APPROVED

Ankita  
10/6/2020 11:06:45 AM



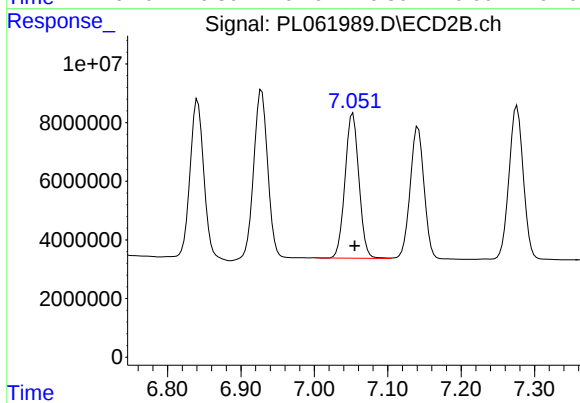
#17 4,4'-DDT

R.T.: 7.141 min  
Delta R.T.: -0.002 min  
Response: 59209997  
Conc: 27.04 ng/ml



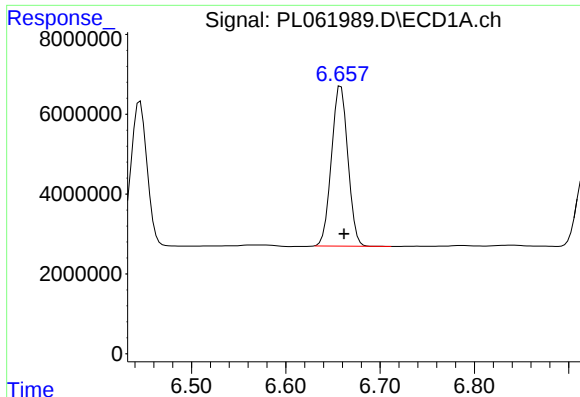
#18 Endrin aldehyde

R.T.: 6.446 min  
Delta R.T.: -0.003 min  
Response: 43486560  
Conc: 30.92 ng/ml



#18 Endrin aldehyde

R.T.: 7.053 min  
Delta R.T.: -0.002 min  
Response: 65110462  
Conc: 30.42 ng/ml



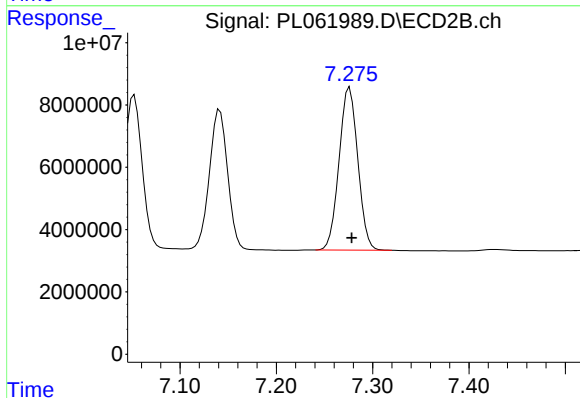
#19 Endosulfan Sulfate

R.T.: 6.658 min  
Delta R.T.: -0.003 min  
Response: 48450492  
Conc: 31.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-093020MSD

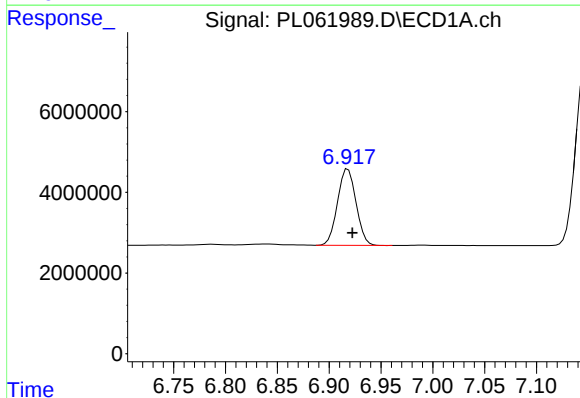
Manual Integrations  
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Ankita  
10/6/2020 11:06:45 AM



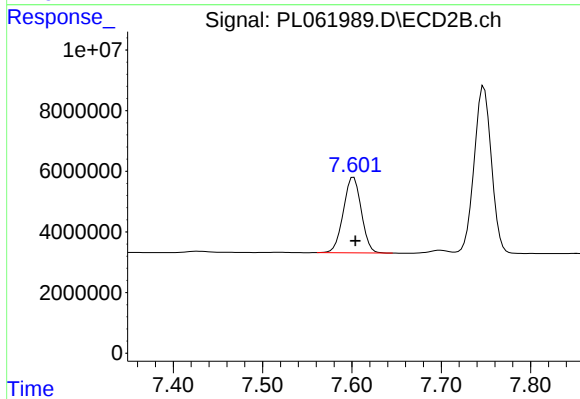
#19 Endosulfan Sulfate

R.T.: 7.276 min  
Delta R.T.: -0.002 min  
Response: 70466571  
Conc: 30.09 ng/ml



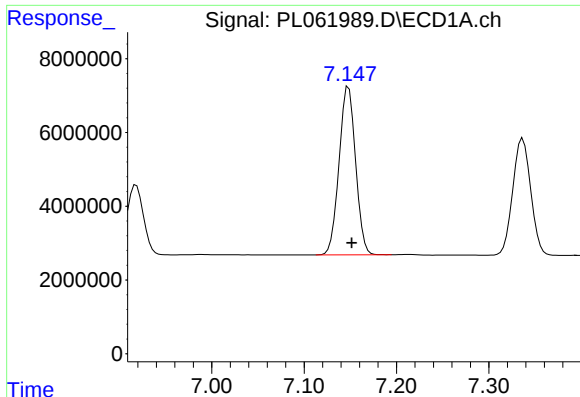
#20 Methoxychlor

R.T.: 6.918 min  
Delta R.T.: -0.004 min  
Response: 23553756  
Conc: 29.13 ng/ml



#20 Methoxychlor

R.T.: 7.602 min  
Delta R.T.: -0.002 min  
Response: 34791870  
Conc: 27.61 ng/ml



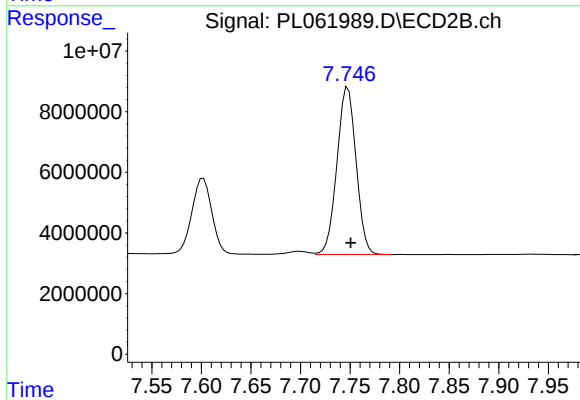
#21 Endrin ketone

R.T.: 7.148 min  
Delta R.T.: -0.003 min  
Response: 56691597  
Conc: 33.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-093020MSD

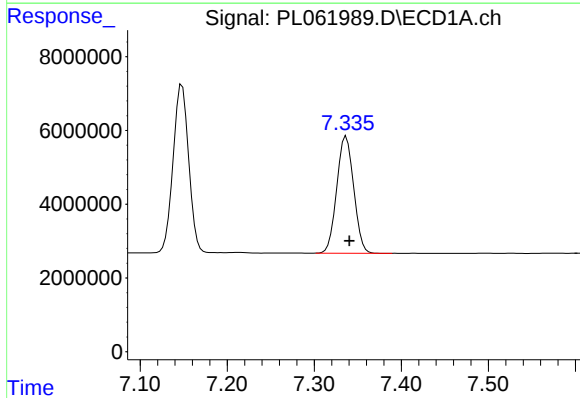
Manual Integrations  
APPROVED

Ankita  
10/6/2020 11:06:45 AM



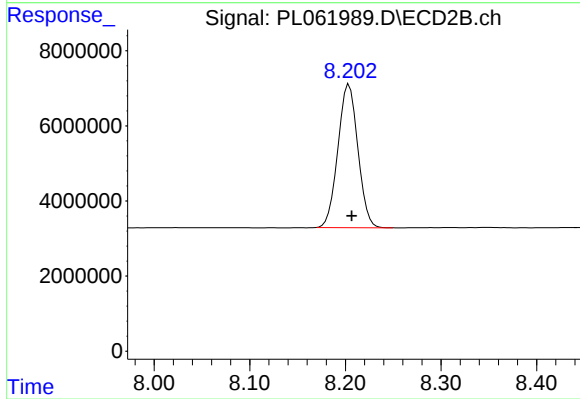
#21 Endrin ketone

R.T.: 7.748 min  
Delta R.T.: -0.003 min  
Response: 74010224  
Conc: 31.53 ng/ml



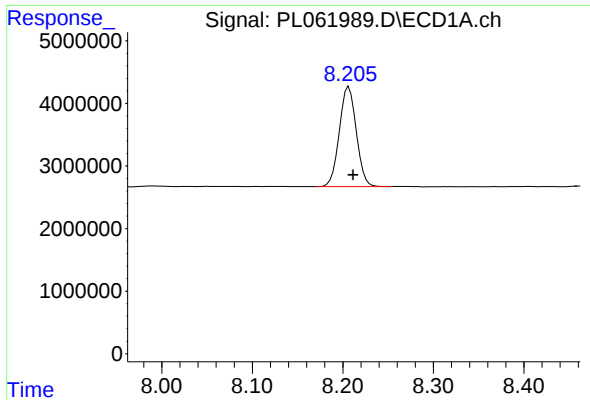
#22 Mirex

R.T.: 7.337 min  
Delta R.T.: -0.004 min  
Response: 42865734  
Conc: 30.58 ng/ml



#22 Mirex

R.T.: 8.204 min  
Delta R.T.: -0.003 min  
Response: 55451039  
Conc: 31.47 ng/ml



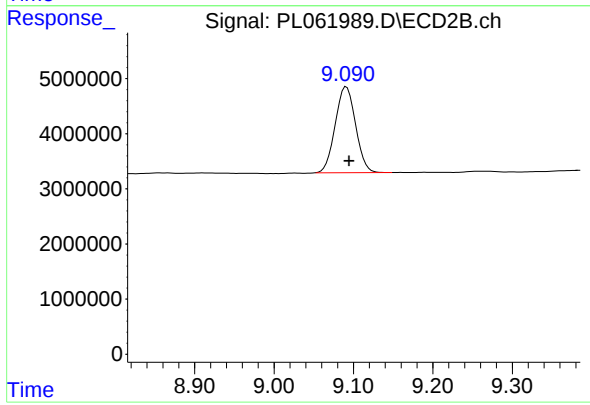
#28 Decachlorobiphenyl

R.T.: 8.207 min  
Delta R.T.: -0.005 min  
Response: 20767066  
Conc: 12.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-093020MSD

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.091 min  
Delta R.T.: -0.004 min  
Response: 27815567  
Conc: 12.64 ng/ml